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**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

What is claimed is:

1. (currently amended) A fiber for artificial hair comprising a plastically deformable filament (A) comprising ~~a thermoplastic resin~~ a medium density polyethylene having a density in the range of not less than 0.930 g/cm<sup>3</sup> and less than 0.945 g/cm<sup>3</sup> or a high density polyethylene having a density in the range of not less than 0.945 g/cm<sup>3</sup> and not more than 0.970 g/cm<sup>3</sup> which has a restoration angle of not more than 30 degrees after 10 minutes from bending the filament at 90 degrees.
2. (currently amended) A fiber for artificial hair comprising a plastically deformable filament (A) comprising ~~a thermoplastic resin~~ a medium density polyethylene having a density in the range of not less than 0.930 g/cm<sup>3</sup> and less than 0.945 g/cm<sup>3</sup> or a high density polyethylene having a density in the range of not less than 0.945 g/cm<sup>3</sup> and not more than 0.970 g/cm<sup>3</sup> with a shape retention of not less than 30% when the filament is wound ten times on a cylindrical collar having a diameter of 10 mm and allowed to stand for 10 minutes, and the filament is removed from the cylindrical collar and allowed to stand for 5 minutes.
- 3- 4. (canceled)
5. (previously presented) The fiber for artificial hair according to claim 1, wherein a fiber diameter of the plastically deformable filament (A) comprising the thermoplastic resin is from 30 to 500  $\mu\text{m}$ .

6. (original) The fiber for artificial hair according to claim 5, wherein the plastically deformable filament (A) comprising the thermoplastic resin is colored.

7. (previously presented) Periwigs, wigs, doll hair, hair accessories, eyelashes or beards using the fiber for artificial hair as described in claim 1.

8- 9. (canceled)

10. (previously presented) The fiber for artificial hair according to claim 2, wherein a fiber diameter of the filament (A) comprising the thermoplastic resin is from 30 to 500  $\mu\text{m}$ .

11-12. (canceled)

13. (previously presented) The fiber for artificial hair according to claim 10, wherein the filament (A) comprising the thermoplastic resin is colored.

14. (canceled)

15. (previously presented) Periwigs, wigs, doll hair, hair accessories, eyelashes or beards using the fiber for artificial hair as described in claim 2.

16-17. (canceled)

18. (previously presented) Periwigs, wigs, doll hair, hair accessories, eyelashes or beards using the fiber for artificial hair as described in claim 5.

19-20. (canceled)

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21. (new) The fiber for artificial hair according to claim 1, wherein the high density polyethylene contains  $\alpha$ -olefin having 3 to 6 carbon atoms of less than 2 weight %.

22. (new) The fiber for artificial hair according to claim 2, wherein the high density polyethylene contains  $\alpha$ -olefin having 3 to 6 carbon atoms of less than 2 weight %.